AEE/SSD/SBM/00032/20-21 dt. 27/11/2020

M. A. R. 57 (Rule 116)

Measurement Book

No. E 487532

Serial No. I^st & Final.

Name of work construction of toilet ~~From~~ at Shetty ~~To~~ halli circle near

Name of Contractor of nature of Agency. Shetty halli Sub Division in ward no. 13

Date of commencement of work...

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate cost.	30.00 lakhs					
	work order	EE/DD/WD-16/2020-21				Dated	15/05/2020.
	Name of Agency	Technical manager.					
	Jobe code	013-19-00004					
	A-S	EE/DD/AS/40/2020-21				Dated-	06/05/2020
	T-S	SE/D2/TS/30/2020-21 -				dated	06/05/2020.

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
1)	Earth work excavation for foundation & building water supply sanitary line and Electrical conduits						
2)	providing and laying in position pain cement concrete of mix 1:3:6 with OPC. Cement @ 220 kgs						
3)	providing and constructing granite/trap/basalt size stone						
4)	providing ~~and~~ ruled pointing to coursed stone masonry						
5)	Filling of available earth.						
6)	providing and laying position ~~plain~~ reinforced cement concrete — design mix M25.						
7)	providing and laying in position reinforced cement concrete of design mix M20 with OPC.						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487533

Serial No. ....

Name of work .... From .... To ....

Name of Contractor or nature of Agency .... present Qty .... Up to date Qty

Date of commencement of work ....

Unit	Qty	Rate	Amount	Qty	Amount
CUM	164.54	484.92	79788.74	484.92	79788.74
CUM	47.49	5698.60	270626.51	47.49	270626.51
CUM	29.45	4983.92	146776.44	29.45	146776.44
SQM	29.76	157.49	4686.90	29.76	4686.90
CUM	164.54	217.08	35718.34	164.54	35718.34
CUM	55.09	6666.26	367244.26	55.09	367244.26
SQM	2.03	484.92	984.39	2.03	984.39

Date	Full description, etc, of work	Dimensions Number	Length	Breadth	Depth	Contents	Reference to last Measurement 8

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
8)	providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending hooking placing						
9)	providing and removing centring and shuttering for soffit of beam, abutments posts and struts						
10)	providing and removing centring shuttering .. for cantilever girders bressumers and lintels						
11)	providing and removing centring shuttering .. for chajjas corbels etc						
12)	providing and removing centring and shuttering for suspended floors, roofs landing etc						
13)	providing and constructing load bearing wall in solid concrete blocks 400x150x200mm						

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Measurement Book

No. E 487534

Serial No. ....

~~Name of work~~ .... From .... To ....

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Unit	present Qty	Rate	Amount	Up to date Qty: Qty	Amount	Reference to last Measurement 8
ton	4.68	76643.28	358690.40	4.68	358690.00	
sqm	72.32	492.48	35616.00	72.32	35616.00.	
sqm	119.84	315.36	37792.74	119.84	37792.74	
sqm	2.03	348.84	708.15	2.03	708.15	
sqm	111.67	475.20	53065.58	111.67	53065.58.	
sqm	149.21	1041.94	155467.87	149.21	155467.87.	

MEASUREMENT BOOK

Date	Full description, etc, of work	Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	14) providing and constructing non loading bearing wall with solid bloc						
	15) providing 18 mm plastering in single coat with CM 1:3 to brick masonry including sanding off						
	16) providing 12 mm thick Cement plastering in single coat CM 1:3						
	17) providing 20 mm thick Cement plastering in single coat C.M 1:3						
	18) providing lime rendering for plastering						
	19) providing applying two coat of wall putty to inside plastering wall and ceiling						
	20) providing and applying painting two coats with plastic Emulsion paint						
	21 Extra for providing and applying every subsequent coat of painting with plastic Emulsion						

M. A. R. 57 (Rule 116) **No. E** 487535

Measurement Book

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Unit	Present Qty			Up to date Qty	
	Qty	Rate	Amount	Qty	Amount
Sq M	45.89	878.86	40330.98	878.86	40330.89
sq m	227.61	301.80	68692.70	227.61	68692.70
Sq m	113.69	256.28	29136.47	113.69	29136.47
Sq m	270.30	316.25	85482.38	270.30	85482.38
Sq m	137.97	34.56 ~~4768.24~~ 34.56	4768.24	137.97	4768.24
sq m	137.97	84.24	11622.59	137.97	11622.59
sq m	137.97	97.20	13410.68	137.97	13410.68
sq m	137.97	39.96	5513.28	137.97	5513.28

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
22	providing and finishing external walls in two coats with water proof cement paint of approved brand						
23	extra for providing and applying every subsequent coat of water proofing cement paint						
24)	providing Honne wood frames of doors windows						
25)	solid panel Prelam pvc Door shutter ←						
26)	providing and fixing M.S Grill work for windows.						
27)	providing and fixing aluminium windows & ventilators						
28)	Applying primer coat on new wood surface.						
29)	providing and applying painting two coats on new wood surface						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487536

Serial No. ....
Name of work .... From .... To ....
Name of Contractor of nature of Agency..............................
Date of commencement of work..............................

Date 1	Full description, etc, of work 2		Dimensions Number 3 Length 4	Breadth 5 Depth 6	Contents 7	Reference to last Measurement 8
Unit	Present Qty Qty	Rate	Amount	Up to date Qty Qty	Amount	
sqm	270.30	110.16	29776.25	270.30	29776.25	
sqm	270.30	36.72	9925.42	270.30	9925.42	
cum	0.95	94612.32	89881.70	0.95	89881.70.	
sqm	23.50	4045.68	95073.48	23.50	95073.48	
Kg	162.54	102.60	16676.60	162.54	16676.60	
sqm	7.74	4725.00	36571.50	7.74	36571.50,	
sqm	29.61	54.00	1598.94	29.61	1598.94	
sqm	29.61	104.76	3101.94	29.61	3101.94.	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
30)	Extra over Item No-15-17 for applying every subsequent coat of enamel paint						
31)	providing and laying flooring prepolished coalcreat gang saw 19mm thick Granite						
32)	providing and fixing Ceramic tiles of size 400x400mm						
33)	providing and fixing colour Glazed tiles size 300x600mm						
34)	providing 20mm plastering in single coat with C.M 1:3						
35)	providing and fixing chlorinated venly chloride (CPVC pipe 25mm nominal dia						
36)	providing and fixing (CPVC) pipe 20mm dia						
37	providing and fixing to wall ceiling and Floor PVC pipes 10.00 kg/sqm. 160mm dia.						

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Measurement Book

No. E 487537

Serial No. ....
Name of work .... From .... To ....
Name of Contractor of nature of Agency ....
Date of commencement of work ....

	Qty	Rate	Amount		Qty	Amount	
Date 1	Full description, etc, of work 2		Number 3 / Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Sqm	29.61	59.40	1758.83		29.61	1758.83	
Sqm	3.60	2603.72	9373.39		3.60	9373.39	
Sqm	80.71	1226.69	99006.15		80.71	99006.69	
Sqm	102.15	1313.09	134132.14		102.15	134132.14	
Sqm	71.79	319.68	22949.83		71.79	22949.83	
mtr	55.00	183.60	10098.00		55.00	10098.00	
mtr	85.00	169.56	14412.60		85.00	14412.60	
mtr	25.00	1352.16	33804.00		25.00	33804.00	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
38)	providing and fixing wall ceiling and floor PVC pipes 10.00 kg/sq cm 110mm dia						—
39	providing and fixing brass bib cocks						—
40)	providing and fixing brass gate valve						—
41	providing WP/CP waste unions 32mm dia,						—
42	Construction of brick masonry inspection chamber 450x450 mm						
43	providing and fixing on wall surface 4.00 kg/s HDPE rain water pipes 90mm dia						
44	providing and fixing white vitreous china clay water closet						
45)	providing and fixing white vitreous flat back wash basin						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487538

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency

Date of commencement of work..............................

Date 1	Full description, etc, of work 2		Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
mps	33.00	654.48	21597.84		33.00		21597.84	
each	25.00	205.20	5130.00		25.00		5130.00	
each	5.00	362.88	1814.40.		5.00		1814.40	
each	15.00	129.60	1944.00		15.00		1944.00.	
nos	4.00	5912.75	23651.00		4.00		23651.00.	
Mtr	7.00	422.28	2955.96		7.00		2955.96	
pair	11.00	3786.48	41651.28		11.00		41651.28.	
no	6.00	3400.92	20405.52		6.00		20405.52	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
46)	providing and fixing white vitreous china clay flat back. lipped front urinal basin 430×260×350						
47)	providing and fixing 7.5cm to 15.00cm NP Grating 100m						
48)	providing and fixing CI nany trap						
49	providing and placing terrace polythelene water storage tank 1000 ltr.						
50	Rectangular shape Mirror 1500×450mm						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487539

Serial No. ....

Name of work ...... From ...... To ......

Name of Contractor of nature of Agency

Date of commencement of work..............

	present Qty			Up to date Qty		
Unit	Qty	Rate	Amount	Qty	Amount	
Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	8
	06.00	3317.76	19906.56	6.00	19906.56	
each	10.00	162.00	1620.00	10.00	1620.00	
each	10.00	270.00	2700.00	10.00	2700.00	
Nos	2.00	7374.24	14748.48	2.00	14748.48	
ms	3.00	1006.76	3020.28	3.00	3020.28	

work cost.	25,75,409.97
4% Add KRIDL	1,03,016.40
Sub total Rs	2678426.37
Add 12% GST	3,21,411.16
	2999857.55

309049=00

298724.75

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ, ಬೆಂಗಳೂರು.
ಎಸ್.ಎಂ. ರಸ್ತೆ. ರವೀಂದ್ರ

11/11/202

M EMENT BOOK

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2		4	5	6	7	8

Certificate

1) Certified that the contractor has work done satisfactory

2) Certified that the contractor has removed the debris from work site

3) Certified that there is no departmental issues made by contractor

11/11/2020

Audited and admitted for Rs. 2987475=00

Passed by Cheque for Rs. 2670285=00

(Twenty six lakh seventy thousand Two hundred Eighty five only)

By adjustment for Rs. 317190=00

Accounts Superintendent

Exe. Engineer

B.B.M.P. Dasarahalli Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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